

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of checking configurations on a network, ~~the method comprising the steps of:~~ including performing automated remote monitoring of each of a plurality of managed devices in the network, the remote monitoring comprising:

~~for at least one managed device~~ each port of a plurality of ports of each of said plurality of managed devices on the network, accessing configuration information for ~~a~~ each port and its respective associated line to ~~another~~ a respective other device, said configuration information indicating for said each port and said respective other device a respective duplex state and data transmission speed;

applying a series of interrogations to the configuration information ~~relating to an aspect of configuration~~ to determine whether ~~the~~ said each port and associated line ~~conforms~~ conform to at least one predetermined configuration criterion for each of said duplex state and data transmission speed;

and when the configuration of said each port and associated link does not conform, to said at least one predetermined configuration criterion providing an indication of the non conformity that has been determined.

2-11 (cancelled).

12. (Currently Amended) A method ~~according to~~ as in claim 1 in which the interrogations determine whether ~~the~~ said each port and ~~the~~ a port at the other end of ~~the~~ said

associated link are ~~running half or full duplex mode and if both said ports are not running at the same duplex mode an indication of non-conformity is given.~~

13. (Currently Amended) A method ~~according to~~ as in claim ~~1~~ 12 in which the interrogations determine whether the link is running at half duplex, and if so, when the link is to another managed device whether the ports at both ends of the link are capable of full duplex and if so an indication of full duplex capability is given.

14 (cancelled).

15. (Currently Amended) A method ~~according to~~ as in claim 1 in which ~~when there said respective other device is a managed device at the other end of the link, the~~ and said series of interrogations determine (a) whether ~~the~~ said associated link is a trunk link, and if so (b) whether each port in ~~the~~ said trunk link is enabled, ~~whether there are equal numbers of ports at each end of the trunk link and whether all ports have an active link and when any of these are NO an indication is given.~~

16-18 (cancelled).

19. (Currently Amended) A method ~~according to~~ as in claim 1 in which the interrogations determine whether auto-negotiation is switched on at both ends of the link and if so whether the link is running at maximum speed, and if not and the device at the other end of the link is managed an indication is given to check the physical connection between the two devices for correct type.

20. (Currently Amended) A method ~~according to~~ as in claim ~~1~~ 19 in which the interrogations determine whether ~~the~~ said each port has been set to run at a fixed speed less than

its maximum capability or at a fixed speed but is running at optimum speed, and in either instance provides an indication to turn on with auto-negotiation.

21-23 (cancelled).

24. (Currently Amended) A digital data storage medium having stored therein a computer program comprising program instructions for causing a computer to perform the method of claim 1.

25-28 (cancelled).